

ABSTRACT OF THE DISCLOSURE

A data transmission apparatus for transmitting data comprising a plurality of objects having respective priority, comprises an error-correction coding section for selecting an error-correction coding method for each of the plurality of objects based on the priority of each of the plurality of objects and error-correction coding of each of the plurality of objects using the selected error-correction coding method. Therefore, it is possible to effectively use the resources, maintain the real-time transmission of data, and prevent degradation of transmitted data by changing the level of the error-correction according to the priority of object, and performing the error-correction coding for the objects according to the priority.

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